



POPULATION TECHNICAL ADVISORY COMMITTEE - OCTOBER 18, 2010

# CENTRAL PHOENIX TRANSPORTATION FRAMEWORK STUDY UPDATE

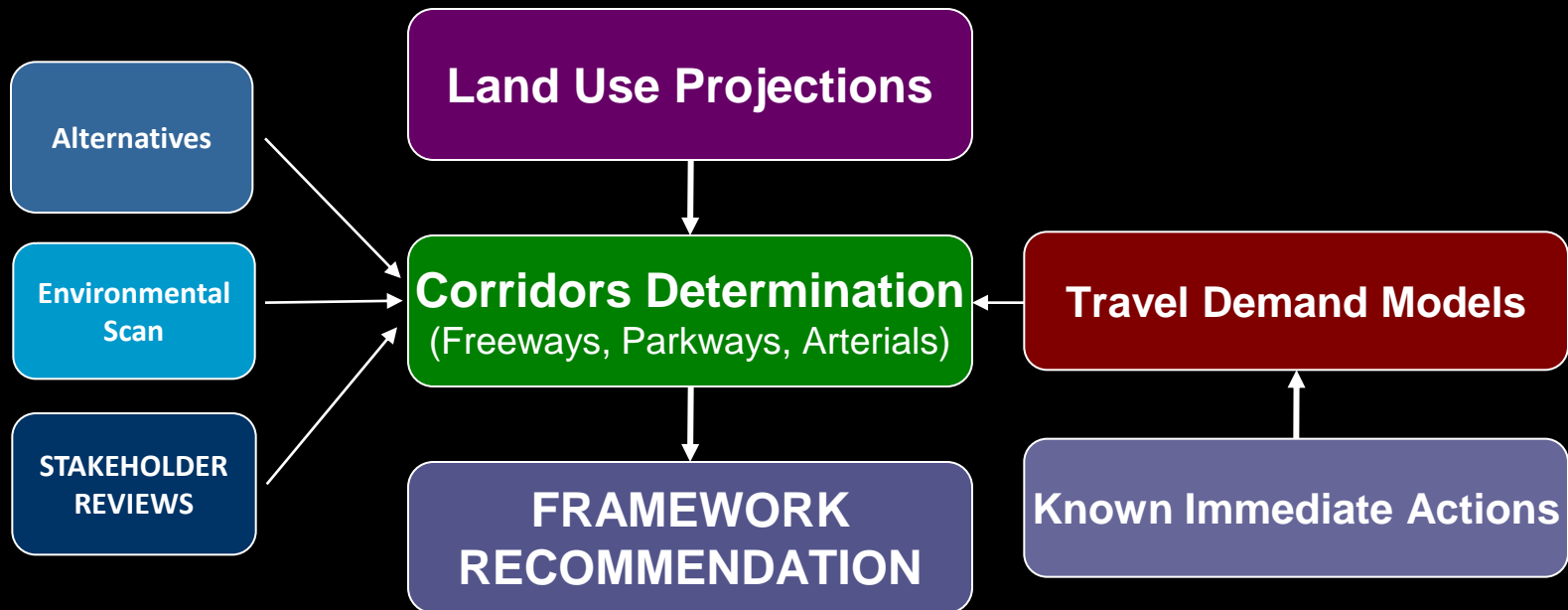
# Why do we need Frameworks?

“Getting in front of Growth,” by understanding:

- ▣ Land use, socio-economic, and development patterns
- ▣ Environmental Issues
- ▣ Cultural Resources
- ▣ Programmed improvements
- ▣ Connections - Continuity
- ▣ **Corridor preservation**



# Framework Study Sequence

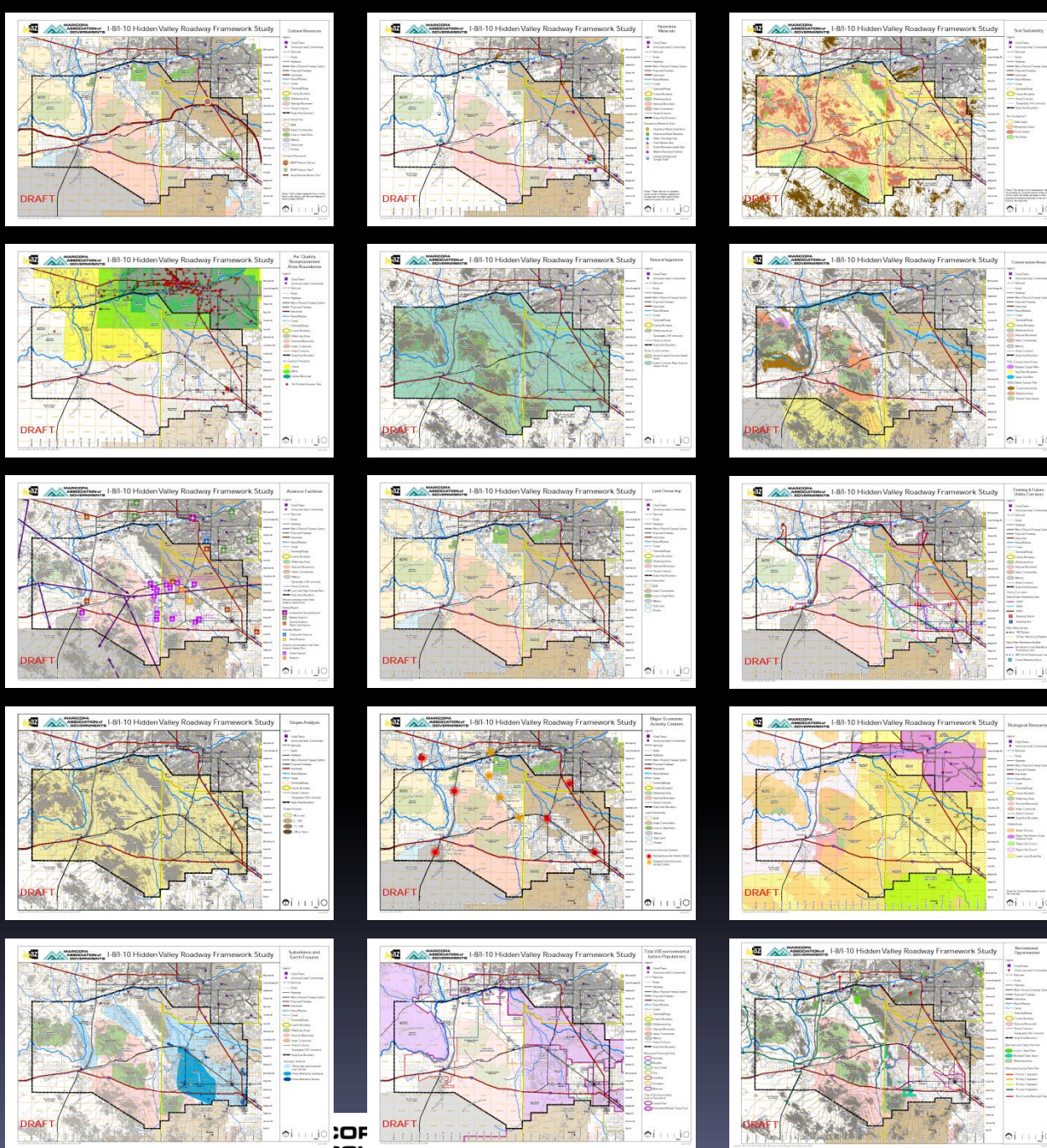




# Environmental Scan

## INTERSTATES 8 AND 10-HIDDEN VALLEY

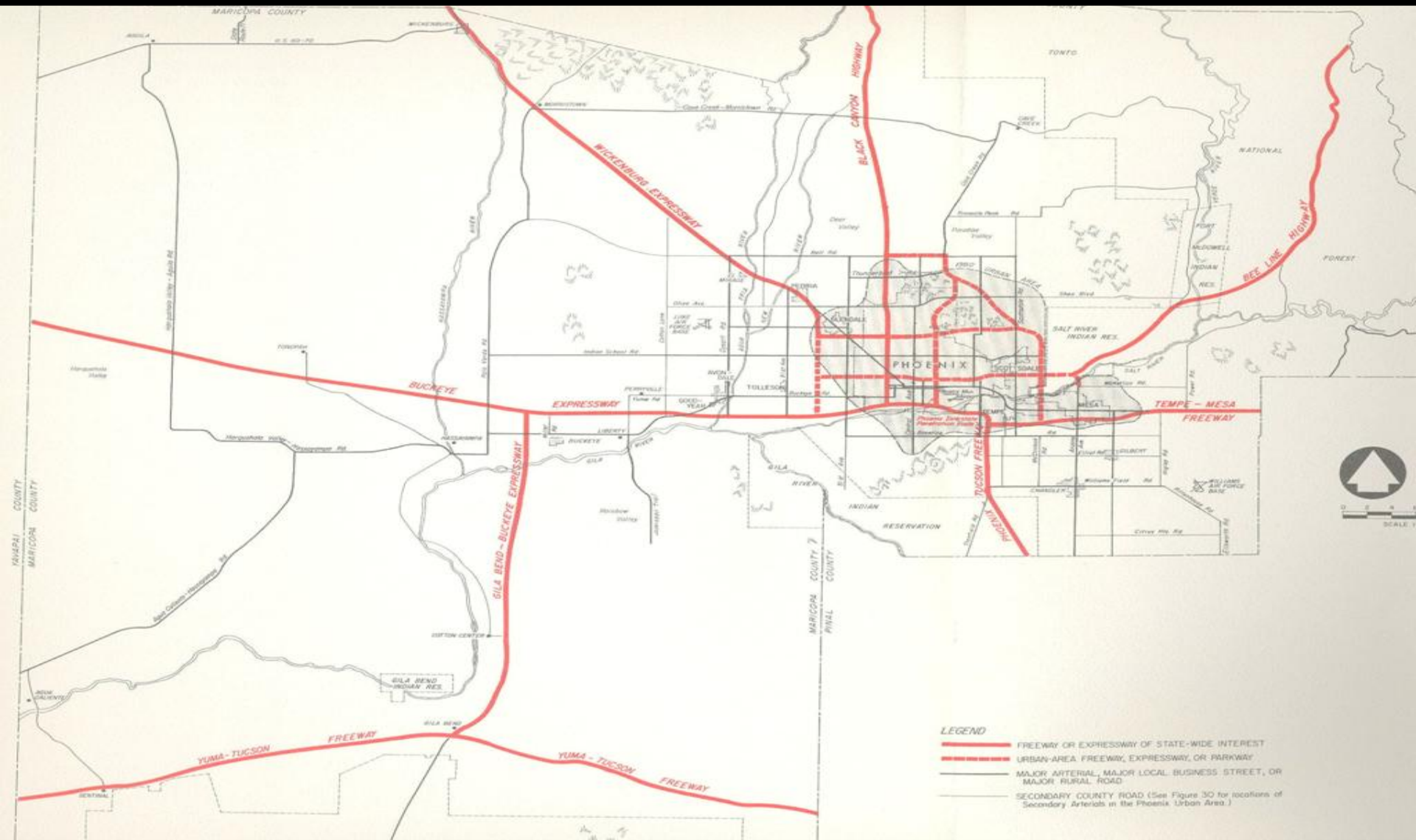
- Cultural Resources
- Air Quality
- Aviation
- Slopes Analysis
- Hazardous Materials
- Natural Vegetation
- Land Ownership
- Major Economic Centers
- Title VI/Environ Justice
- Conservation Areas
- Utility Corridors
- Biological Resources
- Recreation Opportunities
- Wildlife Corridors



# Just a framework . . .

- Response to growth
- **Locations are subject to change!**
- Subject to appropriate planning, engineering, and environmental studies
  - ▣ Regional Transportation Plan
  - ▣ Municipal General Plans/Maricopa County Plans
  - ▣ Corridor Location Studies
  - ▣ Design Concept Reports (DCRs)
  - ▣ State and Federal Environmental Studies
- Actions are not currently funded

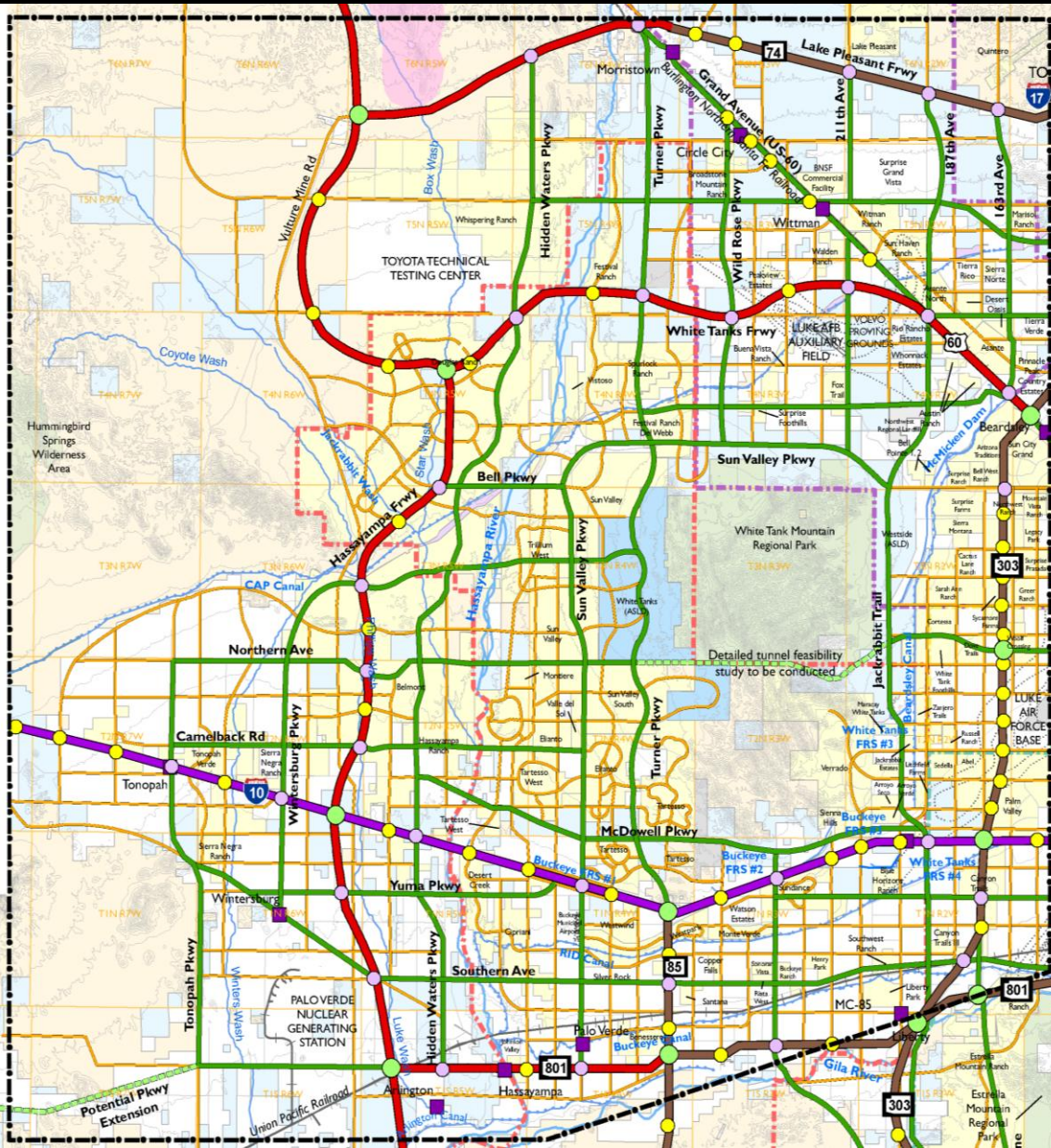
## WILBUR SMITH & ASSOCIATES - 1960





# Roadway Framework

## INTERSTATE 10-HASSAYAMPA VALLEY TRANSPORTATION FRAMEWORK STUDY



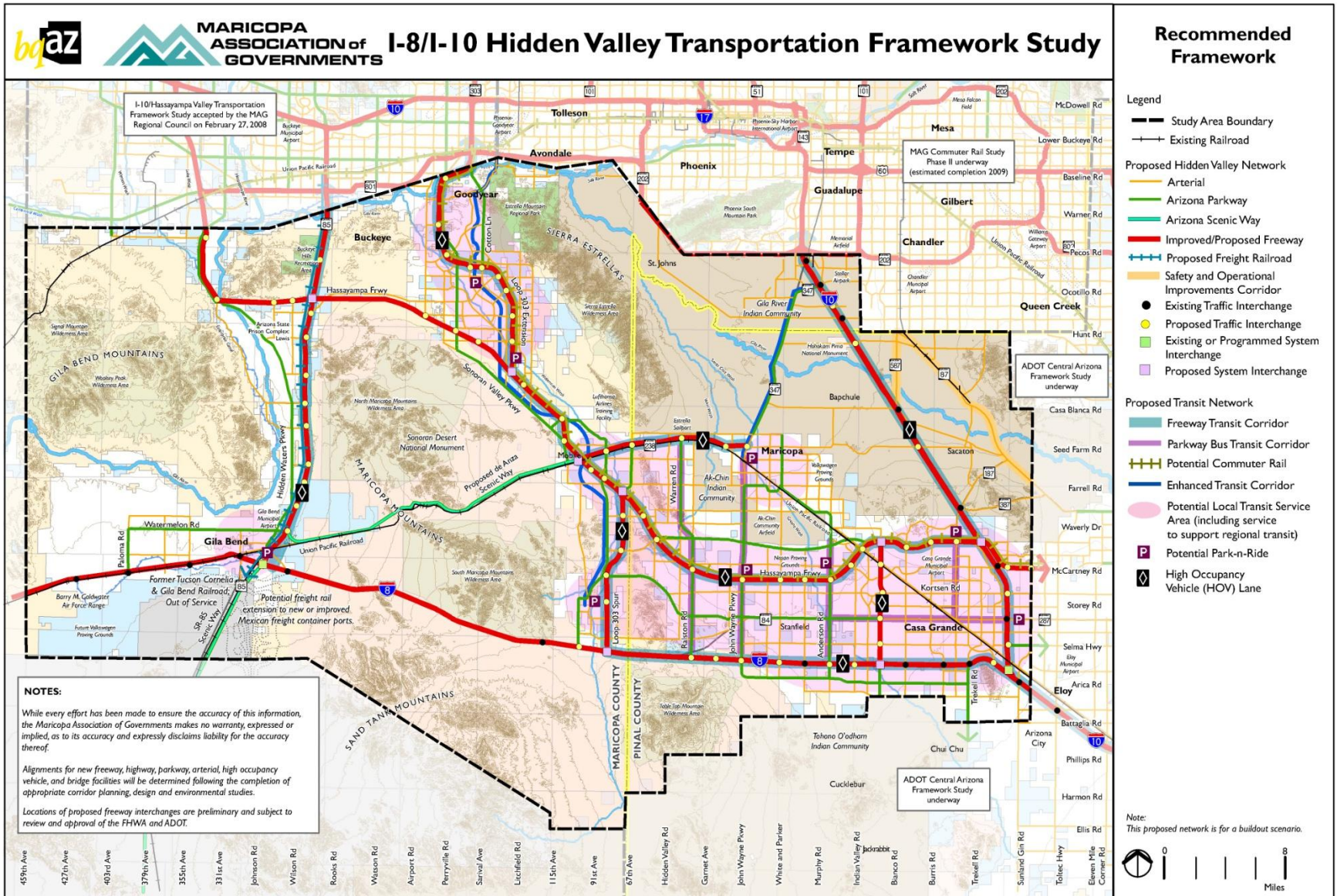
	Population	Employment
2005	138,000	48,000
2030	948,000	379,000
Build-Out	2,862,000	836,000



Accepted by the  
MAG Regional Council  
on February 27, 2008.



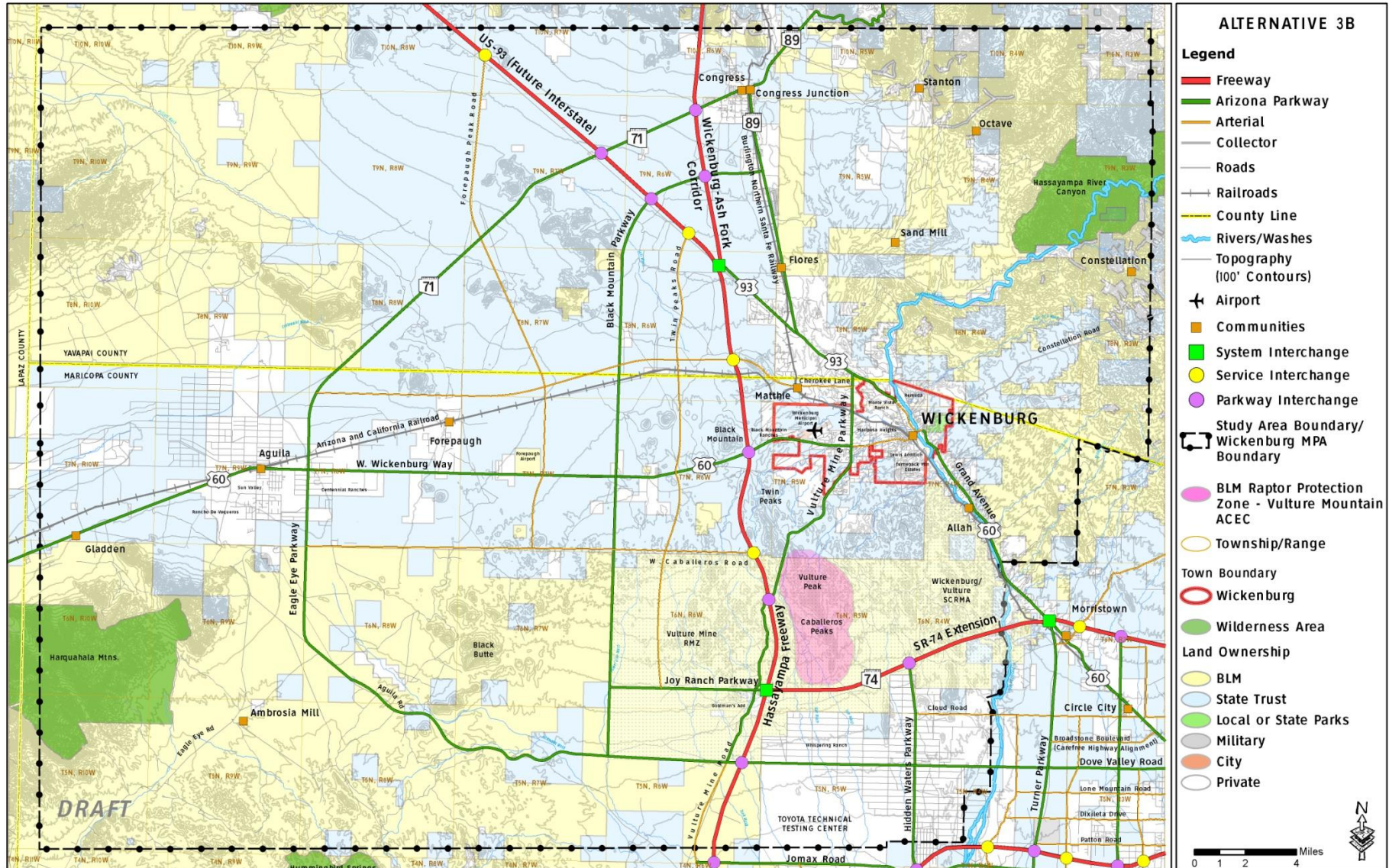
# I-8/I-10 HIDDEN VALLEY TRANSPORTATION FRAMEWORK STUDY



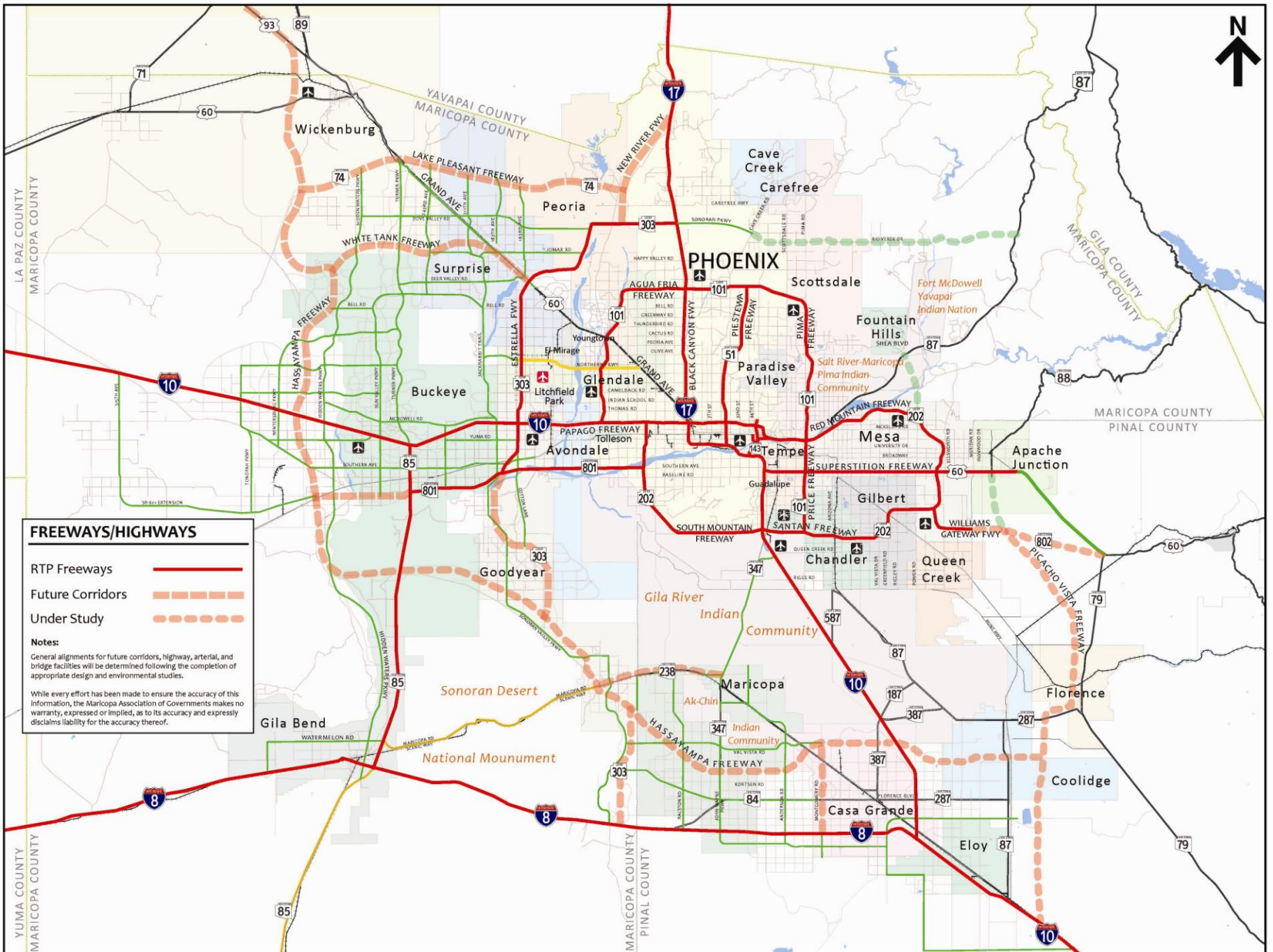


# WICKENBURG TRANSPORTATION FRAMEWORK STUDY

## HASSAYAMPA VALLEY FRAMEWORK STUDY FOR THE WICKENBURG AREA







**FREEWAYS/HIGHWAYS**

RTP Freeways ————

Future Corridors - - - - -

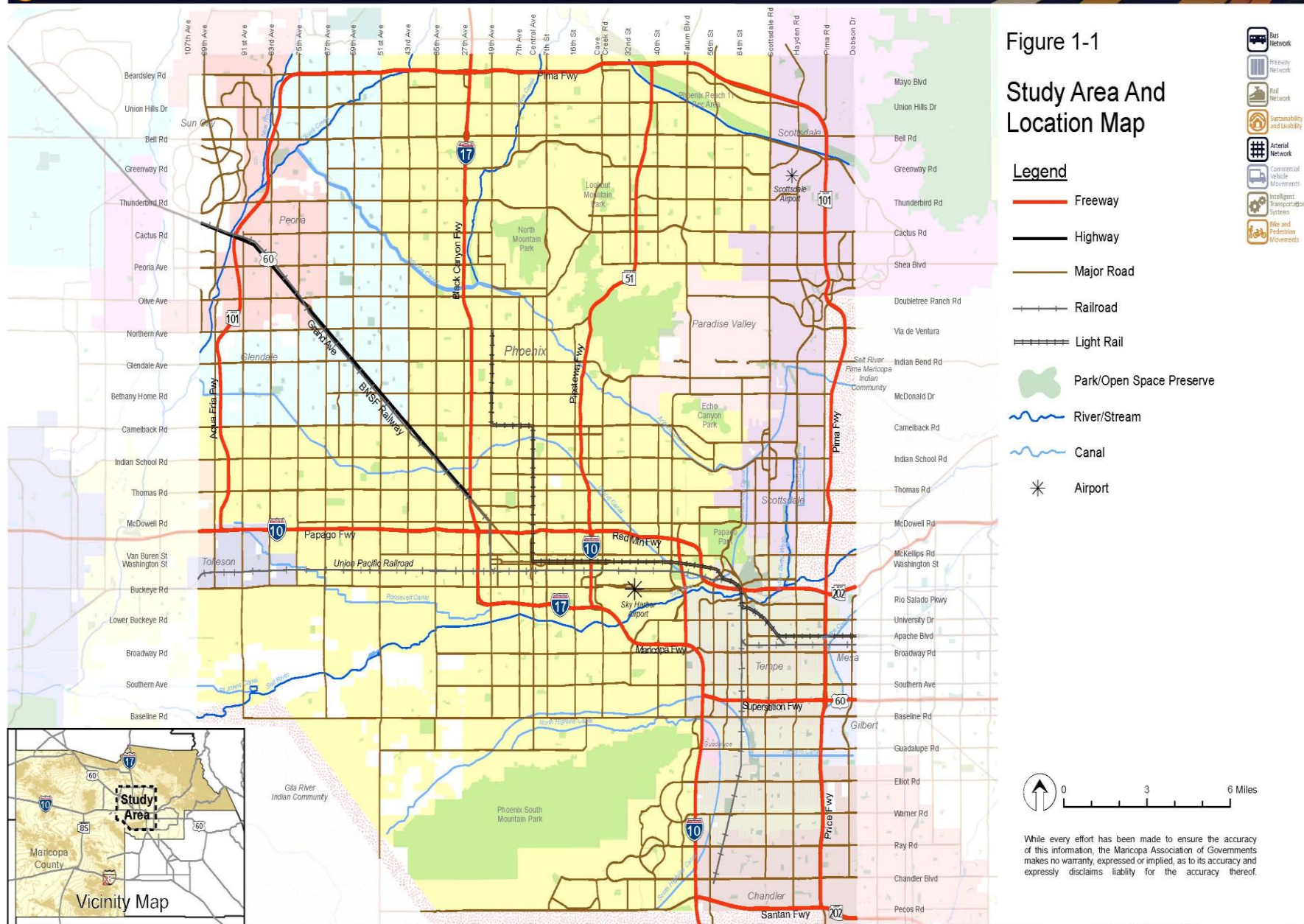
Under Study .....

**Notes:**

General alignments for future corridors, highway, arterial, and bridge facilities will be determined following the completion of appropriate design and environmental studies.

While every effort has been made to ensure the accuracy of this information, the Maricopa Association of Governments makes no warranty, expressed or implied, as to its accuracy and expressly disclaims liability for the accuracy thereof.





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# Study Objectives

- Develop network
- Optimize network
- Integrate alternative modes
- Evaluate incident management strategies
- Evaluate CMV routing
- Recommend Access Management
- Describe range of funding sources
- Evaluate City of Phoenix urban villages
- Consult project stakeholders
- Recommend ITS opportunities
- Consider grade separations
- Address traffic bottlenecks





# Scope of Services

## PHASE I

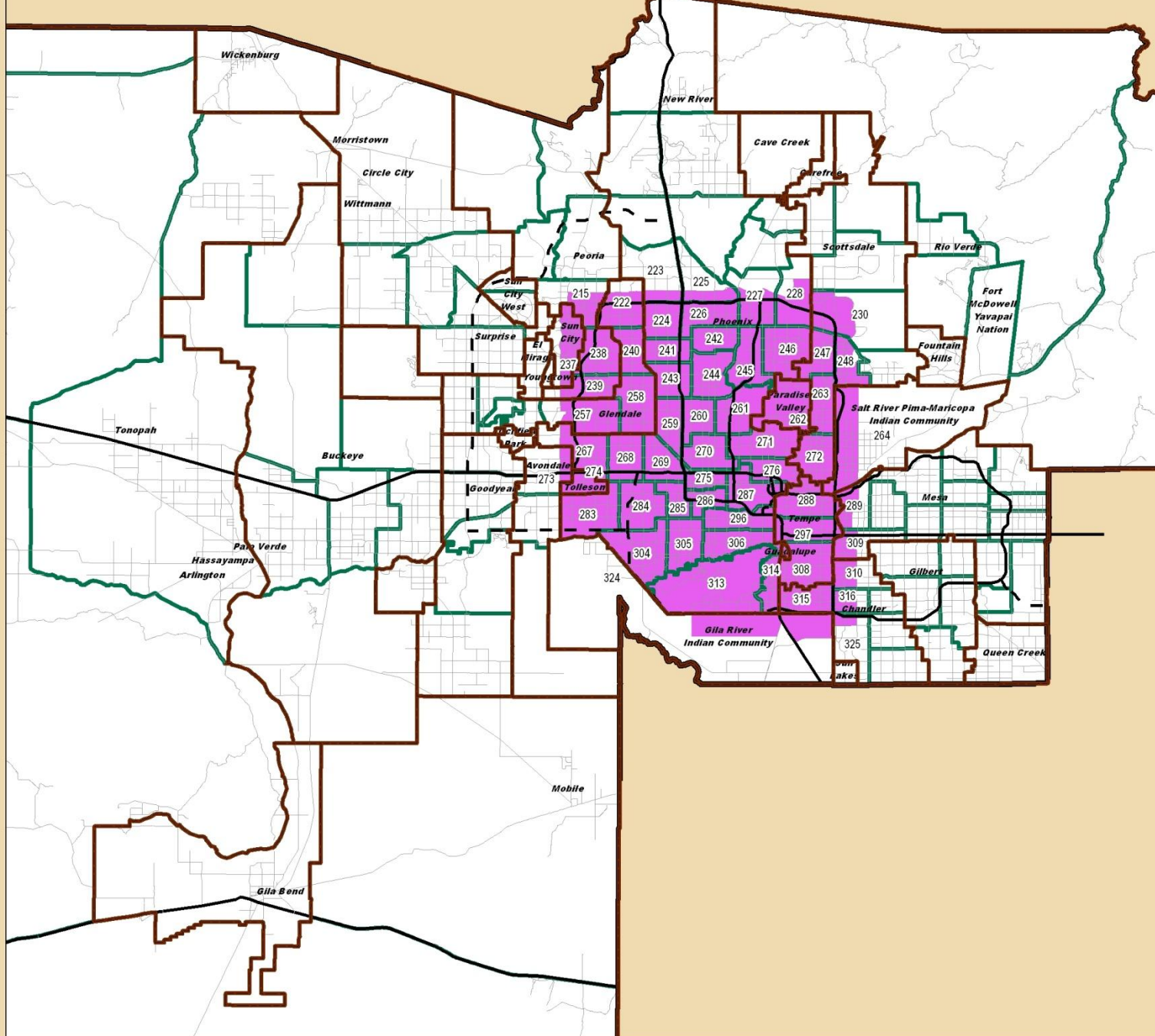
- Project Initiation
- Public Involvement
- Data Collection and Forecasting
- Develop Transportation Network Alternatives

## PHASE II

- Evaluate Transportation Network Alternatives
- Develop Transportation Network Recommendations

# Central Phoenix Framework Study Area Regional Analysis Zones (RAZ)

- Municipal Planning Area (2003)
- Regional Analysis Zones (2003)
- Inside Study Area
- Outside Study Area
- Maricopa County
- Freeways/Expressways
- Existing
- Planned
- Major Roads







# Questions?

## Central Phoenix Transportation Framework Study Update

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# “The Arizona Parkway”

MODELED FROM MICHIGAN’S BOULEVARD-ARTERIAL

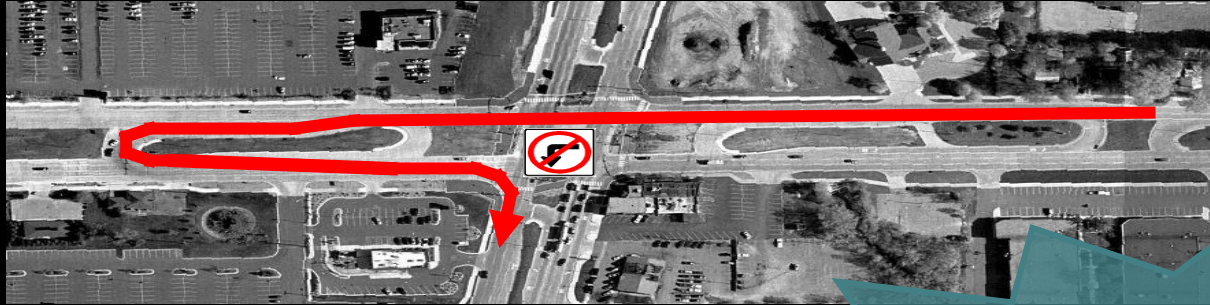
- 40 years practice in seven states
- Marginal cost increase over conventional arterials
- Near-freeway volumes
- Context-sensitive





# Indirect Left Turn

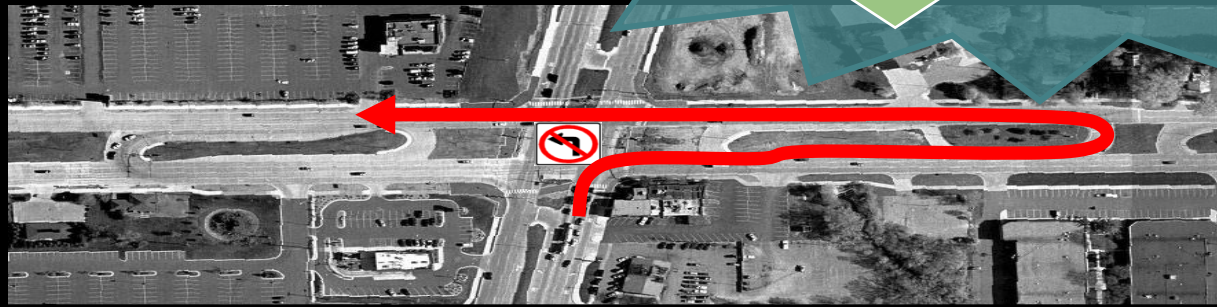
## PROPOSAL FOR THE ARIZONA PARKWAY



Left Turn from Main Road

OVERALL CRASHES

60-75%



Left Turn from Side Road